Georgia-Pacific
MATERIAL SAFETY DATA SHEET

Effective Date: 01/01/04
Supercedes Date: 09/14/00

• * * Section 1 – Chemical Product and Company Identification * * *

Product Name: READY MIX™ All Purpose/Topping Compounds

Product Code: See Product Lists found in Section 16 (Page 6 of 7)

Product Use: Compound for covering gypsum board joints and spotting fasteners

Manufacturer Information

G-P Gypsum Corporation
A wholly owned subsidiary of
Georgia-Pacific Corporation
133 Peachtree Street, N.E.
Atlanta, GA 30303

(770) 987-5190 (Technical Information)
(404) 652-5119 (MSDS Request Line)

Georgia-Pacific Canada, Inc.
A wholly owned subsidiary of
Georgia-Pacific Corporation
Allanburg Road
Thorold Ontario
L2V 3ZB, Canada

EMERGENCY #: 1-800-434-9300 (CHEMTREC)

* * * Section 2 – Composition / Information on Ingredients * * *

CAS #	Component	% Wt	OSHA PEL	ACGIH TLV
7778-18-9	Gypsum (calcium sulfate)	50 - 75%	15 mg/m^3 Total Dust 5 mg/m^3 Respirable Dust	10 mg/m^3 Total Dust
471-34-1	Limestone (calcium carbonate)		0.1 mg/m^3 Respirable Dust (Quartz)	0.1 mg/m^3 Respirable Dust (Quartz)
93763-70-3	Perlite	< 3	15 mg/m^3 Total Dust 5 mg/m^3 Respirable Dust	10 mg/m^3 Total Dust
12174-11-7	Attapulgite (hydrous magnesium aluminum silicate)	< 7	0.1 mg/m^3 Respirable Dust (Quartz)	0.1 mg/m^3 Respirable Dust (Quartz)
113894-92-1	Starch	< 2	15 mg/m^3 Total Dust 5 mg/m^3 Respirable Dust	10 mg/m^3 Total Dust
12001-26-2	Mica	< 3*	3 mg/m^3 Respirable Dust	3 mg/m^3 Respirable Dust
34375-28-5	2((Hydroxymethyl) amino) ethanol	< 1	None	None

* Mica is contained only in GYPROC® All Purpose READY MIX™ joint compound manufactured at the Ft. Lauderdale plant.

Gypsum, limestone, perlite, attapulgite and mica contain naturally occurring crystalline silica (quartz). Due to its natural occurrence, the exact percentage of crystalline silica is unknown. Both OSHA PEL and ACGIH TLV are 0.1 mg/m^3 for respirable quartz dust.

Exposure limits are in accord with those recommended by OSHA in the 1989 revision of PELs.

* * * Section 3 – Hazards Identification * * *

Emergency Overview

The container headspace may contain a trace amount of formaldehyde and vinyl acetate gas. This gas dissipates quickly upon opening the container. Sanding this product after hardening may generate large amounts of dust. Dust may cause upper respiratory tract, lung, eye, nasal and skin irritation.

Description:

White or off white paste-like compound.

Potential Health Effects:

Gaseous formaldehyde may cause temporary irritation to the nose and throat. This product contains naturally occurring crystalline silica (quartz). Respirable crystalline silica is listed as a lung carcinogen by the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP).

Potential Health Effects: Inhalation

Dust can cause irritation to the respiratory tract. Good housekeeping practices are recommended.

Potential Health Effects: Eyes

Dust can cause mechanical eye irritation. Good housekeeping practices are recommended.

Potential Health Effects: Skin

Handling can cause dry skin. Dust and glass fibers may produce itching, rash and redness.

Potential Health Effects: Ingestion

Not applicable under normal conditions of use. May result in obstruction and temporary irritation of the digestive tract.

HMIS Ratings: Health: 1 **Fire:** 0 **Reactivity:** 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4

* * * Section 4 – First Aid Measures * * *

First Aid: Inhalation

Remove to fresh air immediately. If persistent irritation, severe coughing or breathing difficulty occurs, get medical attention.

First Aid: Skin

Wash affected areas gently with soap and water. If irritation persists, get medical attention. Launder contaminated clothing before reuse or dispose of properly.

First Aid: Eyes

Immediately rinse with water. Remove contact lenses. Hold eyelids apart and flush eyes with water for at least 15 minutes. If irritation persists, get medical attention.

First Aid: Ingestion

Ingestion may result in obstruction and/or irritation to the digestive tract. Get medical attention, if needed.

* * * Section 5 – Fire Fighting Measures * * *

Flash Point:
Not applicable.

Flammable Limits:
Not combustible.

Hazardous Combustion Products:
None.

Autoignition Temperature:
Not applicable.

Extinguishing Media
Not applicable.

* * * Section 6 – Accidental Release Measures * * *

To prevent obstruction, do not wash down drain. Scoop material into a waste container for disposal. If needed, use water spray to wet down and minimize dust generation. Wear approved respirator, if necessary.

* * * Section 7 - Handling and Storage * * *

Do not store outside or in direct sunlight. Carefully open container to avoid breathing possible fumes. When compound has been completely used, discard container. Do not reuse container.

* * * Section 8 – Exposure Controls / Personal Protection * * *

Exposure Guidelines
Exposure limits can be found in Section 2: Composition/Information on Ingredients.

Engineering Controls
When sanding hardened product, provide local and general exhaust ventilation to keep airborne concentrations below exposure limits. Use wet methods, if appropriate, to reduce generation of dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
(PPE RECOMMENDATIONS BELOW: IT MAY BE NECESSARY TO FOLLOW PPE REQUIREMENTS AS DETERMINED BY YOUR WORKPLACE)

Personal Protective Equipment: Eyes/Face
Wear eye goggles or safety glasses for nuisance dust. Ensure compliance with OSHA's PPE standards (29 CFR 1910.132 and 133) for eye and face protection.

Personal Protective Equipment: Skin
Protective gloves recommended to prevent drying or irritation of hands. Ensure compliance with OSHA's PPE standards 29 CFR 1910.132 (general) and 138 (hand protection).

Personal Protective Equipment: Respiratory
Wear NIOSH approved respirator when permissible exposure limit to dust may be exceeded.

Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

* * * Section 9 – Physical & Chemical Properties * * *

Appearance:	White/Off white paste-like compound	**Odor:**	Low odor
Physical State:	Solid	**PH:**	8 -10
Vapor Pressure:	Not applicable	**Vapor Density:**	Not applicable
Boiling Point:	Not applicable	**Melting Point:**	Not applicable
Solubility (H_20)	1.5 - 2.0	**Specific Gravity:**	1.3 - 2.5

* * * Section 10 – Chemical Stability & Reactivity Information ***

Chemical Stability
Stable.

Chemical Stability: Conditions to Avoid
Contact with strong acids.

Incompatibility
Strong acids.

Hazardous Polymerization
Will not occur.

* * * Section 11 – Toxicological Information * * *

Crystalline Silica:
Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen.

Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

* * * Section 12 – Ecological Information * * *

A: Environmental Fate
No Information Found

B. Environmental Toxicity – Aquatic Toxicity
No Information Found

* * * Section 13 – Disposal Considerations * * *

US EPA Waste Number & Descriptions

A: General Product Information

This product if discarded as supplied is not considered a hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. If processing use or contamination alters the material the waste must be tested using methods described in 40 CFR 261 to determine if it meets applicable definitions of hazardous wastes.

B: Component Waste Numbers

Not Applicable.

Disposal Instructions

Dispose of as inert solid in landfill. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

* * * Section 14 – Transportation Information * * *

This material is not a DOT hazardous material.

* * * Section 15 – Regulatory Information * * *

US Federal Regulations

A: General Product Information

Dust and potential respirable crystalline silica generated from cutting, sanding or otherwise machining this product may be hazardous.

B: Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4):

OSHA: Dust and potential respirable crystalline silica generated from mixing, sanding or otherwise using this product may be hazardous.

TSCA: This product complies with TSCA inventory requirements.

SARA 313: None.

RCRA: If discarded in its purchased form, this product would not be a hazardous waste. Under RCRA, however, it is the responsibility of the product user to determine at the time of disposal whether a material containing this product or derived from this product should be classified as a hazardous waste.

State Regulations

California Prop 65:

Airborne particles of respirable size crystalline silica are known to the State of California to cause cancer. Worker exposure testing conducted by Georgia-Pacific on various industrial gypsum products did not demonstrate an exposure to respirable crystalline silica.

CANADA WHMIS:

This product is not a controlled product.

* * * Section 16 - Other Information * * *

MSDS REVISION SUMMARY:

Effective Date Change: 01/01/2004 Supercedes: 09/14/00
Various language and format changes to meet ANSI 16-Section Format
Section 16: Product Additions and Name Changes

Product List for MSDS 69A:

DENS-ARMOR® COTE All Purpose READY MIX™ Joint Compound	V-971, M-971, FL-971, TEX-971
TOUGHROCK® All Purpose READY MIX™ Joint Compound	V-990, M-986, FL-986; TEX-974
TOUGHROCK® READY MIX™ Topping Compound	V-988, M-984, TEX-975

Other Information

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Georgia-Pacific and its subsidiaries make no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Georgia-Pacific and its subsidiaries will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

Key/Legend:

ACGIH	American Conference of Governmental Industrial Hygienists
C	Ceiling Limit
CAS	Chemical Abstract Services Number
CFR	Code of Federal Regulations
DOT	Department of Transportation
DSL	Domestic Substance List
EPA	Environmental Protection Agency
HEPA	High Efficiency Particulate Air
HMIS	Hazardous Material Identification System
IARC	International Agency for Research on Cancer
NA	Not Available or Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NJTSR	New Jersey Trade Secret Registry
NSL	Non-Domestic Substance List
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PPE	Personal Protective Equipment
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
TWA	Time Weighted Average
WHIMS	Workplace Hazardous Materials Information System

This is the end of
READY MIX™ All Purpose/Topping Compounds